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Angina pectoris, drug therapy

- Celiprolol in angina pectoris (Soberman and Frishman). 1988;116:1422-5 (Symposium)
- Comparison of the effects of chronic oral therapy with atenolol and sotalol on ventricular monophasic action potential duration and effective refractory period (Way et al). 1988;116:740-6
- Effects of long-term combined dosing with nicardipine and propranolol on coronary hemodynamics, myocardial metabolism, and exercise tolerance in patients with angina pectoris: comparison with monotherapy (Hanet et al). 1988;116:431-9
- The efficacy of the addition of nifedipine in patients with mixed angina compared to patients with classic exertional angina: a multicenter, randomized, double-blind, placebo-controlled clinical trial (Stone et al). 1988;116:961-71
- Improved left ventricular function during exercise: a comparison of celiprolol and atenolol (McLenachan et al). 1988;116:1435-6 (Symposium)
- Randomized clinical trials of transdermal nitroglycerin systems for the treatment of angina: a meta-analysis (Colditz et al). 1988;116:174-80 (Prog. cardi.)
- Randomized double-blind comparisons of metoprolol, nifedipine, and their combination in chronic stable angina: effects on total ischemic activity and heart rate at onset of ischemia (Egstrup). 1988;116:971-8
- The role of nitrates, beta blockers, and calcium antagonists in stable angina pectoris (Chan et al). 1988;116:838-48 (Curriculum cardi.)
- Therapy for angina pectoris: comparison of nicardipine with other antianginal agents (Scheidt). 1988;116:254-9 (Symposium)

Angiography

- Assessment of coronary angioplasty by an automated digital angiographic method (Katritsis et al). 1988;116:1181-7
- Coronary artery disease in blacks of lower socioeconomic status: angiographic findings from the Cook County Hospital Heart Disease Registry (Simmons et al). 1988;116:90-7
- Detection and treatment of acute pulmonary embolism: the use of a portable video image processor (Janssen et al). 1988;116:1103-5 (Brief comm.)
- The effect of ionic contrast medium on the movement of acutely ischemic and nonischemic canine myocardium (Noma et al). 1988;116:1536-41
- Left ventricular pseudopseudoaneurysm: angiographic features and surgical treatment of impending cardiac rupture (Savage et al). 1988;116:864-6 (Brief comm.)

Angiography, radionuclide; see Radionuclide imaging**Angioplasty, transluminal**

- Acute coronary occlusion occurring after successful percutaneous transluminal coronary angioplasty: temporal relationship to discontinuation of anticoagulation (Gablani et al). 1988;116:696-700
- Assessment of coronary angioplasty by an automated digital angiographic method (Katritsis et al). 1988;116:1181-7
- Balloon catheter closure of patent foramen ovale complicating right ventricular infarction: improvement of hypoxia and intracardiac venous shunting (Uppstrom et al). 1988;116:1092-7 (Brief comm.)
- Experimental study on myocardial salvage by coronary thrombolysis and mechanical recanalization (Tomoda). 1988;116:687-95
- Influence of coronary collaterals on left ventricular function in patients undergoing coronary angioplasty (Khaja et al). 1988;116:1174-80
- Myocardial protection by perfluorochemical infusion during transient ischemia produced by balloon coronary occlusion (Virmani et al). 1988;116:421-31
- No-reflow phenomenon during percutaneous transluminal coronary angioplasty (Kitazume et al). 1988;116:211-5 (Brief comm.)
- Percutaneous coronary laser angioplasty: successful clinical application of a new thermal cap catheter coaxially guided over a steerable central guide wire (Lee et al). 1988;116:1637-8 (Brief comm.)
- Percutaneous peripheral laser angioplasty: demonstration of the clinical safety and efficacy of a new coaxial-guided laser-heated cap system (Lee et al). 1988;116:1640-1 (Brief comm.)
- Transcatheter balloon angioplasty for coarctation of the aorta in the neonate: preliminary observations (Rao and Solymar). 1988;116:1558-62

Angioplasty, transluminal—Cont'd

Transumbilical balloon coarctation angioplasty (Attia and Lababidi). 1988;116:1623-4 (Brief comm.)

Angioscopy

Hazards of angioscopic examination: documentation of damage to the arterial intima (Lee et al). 1988;116:1530-6

Angiotensin-converting enzyme inhibitors

Angiotensin converting enzyme inhibitors. I. Pharmacology (Kostis). 1988;116:1580-91 (Curriculum cardiol.)

Angiotensin converting enzyme inhibitors. II. Clinical use (Kostis). 1988;116:1591-1605 (Curriculum cardiol.)

Central nervous system considerations in the use of β -blockers, angiotensin-converting enzyme inhibitors, and thiazide diuretics in managing essential hypertension (Gengo and Gabos). 1988;116:305-10 (Symposium)

Cough from ACE inhibitors (Karpman). 1988;116:1658 (Letter)

Modulation of hemodynamic effects with a converting enzyme inhibitor: acute hemodynamic dose-response relationship of a new angiotensin converting enzyme inhibitor, lisinopril, with observations on long-term clinical, functional, and biochemical response (Uretsky et al). 1988;116:480-8

A single-blind study of doxazosin in the treatment of essential hypertension when added to nonresponders to angiotensin-converting enzyme inhibitor therapy (Englert and Mauersberger). 1988;116:1826-32 (Symposium)

Animals, laboratory

Acute myocardial ischemia detected in dogs by temporal variation in two-dimensional ultrasound gray level (Fraker et al). 1988;116:398-406

In vivo alterations of high-energy phosphates and intracellular pH during reversible ischemia in pigs: a ^{31}P magnetic resonance spectroscopy study (Camacho et al). 1988;116:701-8

Left ventricular topographic alterations in the completely healed rat infarct caused by early and late coronary artery reperfusion (Hale and Kloner). 1988;116:1508-13

Modulation of arachidonic acid metabolites and vulnerability to ventricular fibrillation during myocardial ischemia in the cat (Cooper et al). 1988;116:1194-1201

Spatial and temporal characteristics of circumferential ischemia in the conscious dog (Buda et al). 1988;116:1514-23

Steroid-induced enhancement of functional recovery of postischemic, reperfused myocardium in conscious dogs (Wynsen et al). 1988;116:915-25

Anisoylated plasminogen streptokinase activator complex

Effect of reperfusion on electrocardiographic and enzymatic infarct size: results of a randomized multicenter study of intravenous anisoylated plasminogen streptokinase activator complex (APSAC) versus intracoronary streptokinase in acute myocardial infarction (Hackworthy et al). 1988;116:903-14

Anoxia

Balloon catheter closure of patent foramen ovale complicating right ventricular infarction: improvement of hypoxia and intracardiac venous shunting (Uppstrom et al). 1988;116:1092-7 (Brief comm.)

Anti-arrhythmia agents

Celiprolol: its profile as a potential antiarrhythmic agent (Pruss). 1988;116:1412-5 (Symposium)

Effects of propafenone on ventricular arrhythmias: double-blind, parallel, randomized, placebo-controlled dose-ranging study (Singh et al). 1988;116:1163-5

Electrophysiologic and antiarrhythmic actions of nadolol: acute ischemia in the presence of previous myocardial infarction (Patterson and Lucchesi). 1988;116:1223-32

Inducible ventricular arrhythmias and sudden death during vasodilator therapy of severe heart failure (Stevenson et al). 1988;116:1447-54

Long-term efficacy of oral pirlmenol in suppressing ventricular premature depolarizations (de Buitelir et al). 1988;116:379-84

The natural history of benign and potentially malignant ventricular arrhythmias with special reference to nonsustained ventricular tachycardia (Pratt et al). 1988;116:897-903

Reduction of ventricular arrhythmias by phosphocreatine (Neoton) in patients with acute myocardial infarction (Ruda et al). 1988;116:393-7

Significant variability in the mode of ventricular tachycardia induction and its implications for interpretation of acute drug testing (Beckman et al). 1988;116:718-26

Anti-arrhythmia agents—Cont'd

Ventricular fibrillation induced by the interaction between acute myocardial ischemia and sympathetic hyperactivity: effect of nifedipine (Priori et al). 1988;116:37-43

Anticoagulants

Acute coronary occlusion occurring after successful percutaneous transluminal coronary angioplasty: temporal relationship to discontinuation of anticoagulation (Gabliani et al). 1988;116:696-700

Inferior myocardial infarction complicated by mural thrombus and systemic embolization despite anticoagulation in progressive systemic sclerosis with normal coronary arteriograms (Nair et al). 1988;116:1357-9 (Brief comm.)

Left atrial ball thrombus: apparent detachment following initiation of anticoagulant therapy (Wrisley et al). 1988;116:1351-2 (Brief comm.)

Antihypertensive agents; see also Antihypertensive agents, adverse effects

The addition of doxazosin to the treatment regimen of hypertensive patients not responsive to nifedipine (Lindner et al). 1988;116:1814-20 (Symposium)

Angiotensin converting enzyme inhibitors. II. Clinical use (Kostis). 1988;116:1591-1605 (Curriculum cardiol.)

Behavioral vs β -blocker therapy in patients with primary hypertension: effects of blood pressure, left ventricular function and mass, and the pressor surge of social stress anger (Lee et al). 1988;116:637-44 (Symposium)

Beta-adrenergic blocker withdrawal syndromes in hypertension and other cardiovascular diseases (Houston and Hodge). 1988;116:515-23 (Curriculum cardiol.)

Celiprolol in hypertension (Taylor). 1988;116:1426-34 (Symposium)

Celiprolol and verapamil in the treatment of essential hypertension (McInnes et al). 1988;116:1437-8 (Symposium)

Central nervous system considerations in the use of β -blockers, angiotensin-converting enzyme inhibitors, and thiazide diuretics in managing essential hypertension (Gengo and Gabos). 1988;116:305-10 (Symposium)

Clinical experience with doxazosin in general medical practice (Rosenthal). 1988;116:1748-57 (Symposium)

A comparative study of doxazosin versus atenolol in mild-to-moderate hypertension (Giorgi et al). 1988;116:1801-5 (Symposium)

Comparison of the effects of doxazosin and atenolol on blood pressure and blood lipids: a one-year, double-blind study in 228 hypertensive patients (Talseth et al). 1988;116:1790-6 (Symposium)

Control of coronary heart disease risk factors with doxazosin as monotherapy and in combination therapy (Rosenthal). 1988;116:1763-6 (Symposium)

A double-blind comparative study of doxazosin and nitrendipine in patients with mild-to-moderate essential hypertension (Nechwatal et al). 1988;116:1806-14 (Symposium)

Doxazosin: a distinctive approach to risk-reduction of coronary heart disease in hypertensive patients—introduction (Hayduk). 1988;116:1707 (Symposium)

Doxazosin: a distinctive approach to risk-reduction of coronary heart disease in hypertensive patients—summary and closing remarks (Hayduk). 1988;116:1838-40 (Symposium)

Doxazosin: a newly developed, selective α_1 -inhibitor in the management of patients with pheochromocytoma (Miura and Yoshinaga). 1988;116:1785-9 (Symposium)

Doxazosin in the treatment of mild and moderate essential hypertension in general medical practice (van den Hogen). 1988;116:1757-62 (Symposium)

Doxazosin in the treatment of patients with mild or moderate hypertension and mild or moderate renal insufficiency (Bartels et al). 1988;116:1772-7 (Symposium)

Doxazosin versus atenolol: a randomized comparison of calculated coronary heart disease risk reduction (Mazzola and Guerrasio). 1988;116:1797-1801 (Symposium)

Effects of antihypertensive therapy on cardiac function (Kaplan). 1988;116:260-4 (Symposium)

Effects of antihypertensives on plasma lipids and lipoprotein metabolism (Krone and Nägele). 1988;116:1729-34 (Symposium)

Hemodynamic response patterns to mental stress: diagnostic and therapeutic implications (Rüddel et al). 1988;116:617-27 (Symposium)

The hypertensive patient with concomitant cardiovascular disease (Tift). 1988;116:280-7 (Symposium)

Antihypertensive agents—Cont'd

- Impact of β -blockade on complex cognitive functioning (Streufert et al). 1988;116:311-5 (Symposium)
- Implications of doxazosin therapy on risk of coronary heart disease (Hansson). 1988;116:1832-7 (Symposium)
- A long-term study of the effects of celiprolol on blood pressure and lipid-associated risk factors (Herrmann and Mayer). 1988;116:1416-21 (Symposium)
- Mechanism of the interaction of hypertension and hypercholesterolemia in atherosclerosis: the effects of antihypertensive agents (Dzau). 1988;116:1725-8 (Symposium)
- Mild hypertension, diuretics, and cardiac arrhythmias: Consensus amid controversy? (Khair and Kochar). 1988;116:216-21 (Editorial)
- A multicenter study of doxazosin in the treatment of severe essential hypertension (Soltero et al). 1988;116:1767-71 (Symposium)
- New concepts in the treatment of elderly hypertensive patients (Wikstrand). 1988;116:296-300 (Symposium)
- Pathophysiologic and pharmacotherapy considerations in the management of the black hypertensive patient (Cook). 1988;116:288-95 (Symposium)
- Pharmacotherapeutic stature of doxazosin and its role in coronary risk reduction (Taylor). 1988;116:1735-47 (Symposium)
- Primary prevention in patients with hypertension: comments on the clinical implications of the MAPHY Study (Wikstrand). 1988;116:338-47 (Symposium)
- Quality of life issues in hypertension: consequences of diagnosis and considerations in management (Wenger). 1988;116:628-32 (Symposium)
- Review of major intervention studies in hypertension and hyperlipidemia: focus on coronary heart disease (Middeke and Holzgreve). 1988;116:1708-12 (Symposium)
- The role of sympathetic activity in atherosclerosis: effects of β -blockade (Ablad et al). 1988;116:322-7 (Symposium)
- The Safety After Fifty Evaluation trial: evaluation of the safety and efficacy of antihypertensive therapy with metoprolol in patients 50 to 75 years of age—study design (Rich et al). 1988;116:301-4 (Symposium)
- A single-blind study of doxazosin in the treatment of essential hypertension when added to nonresponders to angiotensin-converting enzyme inhibitor therapy (Engel and Mauersberger). 1988;116:1826-32 (Symposium)
- A single-blind study of doxazosin in the treatment of mild-to-moderate essential hypertensive patients with concomitant noninsulin-dependent diabetes mellitus (Castrignano et al). 1988;116:1778-84 (Symposium)
- Symposium on hypertension: a view beyond the numbers—future implications (Chobanian). 1988;116:347-9 (Symposium)

Antihypertensive agents, adverse effects

- Central nervous system considerations in the use of β -blockers, angiotensin-converting enzyme inhibitors, and thiazide diuretics in managing essential hypertension (Gengo and Gabos). 1988;116:305-10 (Symposium)
- Impact of β -blockade on complex cognitive functioning (Streufert et al). 1988;116:311-5 (Symposium)

Aortic aneurysm

- Aortic aneurysm presenting with left atrial obstruction (Marx and Bertel). 1988;116:194-6 (Brief comm.)
- Two-dimensional echocardiography and Doppler color flow abnormalities in aortic root dissection (Chia et al). 1988;116:192-4 (Brief comm.)

Aortic coarctation

- Doppler examination of aortic coarctation (Glaser and Balkin) (Letter); (DiSessa and George) (Reply). 1988;116:1659-60
- Transcatheter balloon angioplasty for coarctation of the aorta in the neonate: preliminary observations (Rao and Solyman). 1988;116:1558-62
- Transumbilical balloon coarctation angioplasty (Attia and Lababidi). 1988;116:1623-4 (Brief comm.)

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- Percutaneous transluminal balloon dilatation in discrete subaortic stenosis (Arora et al). 1988;116:1091-2 (Brief comm.)

Aortic valve, surgery

- "Quadricuspidization" of a previously three-cuspid aortic valve (Mann and Roberts). 1988;116:889-90 (Brief comm.)
- Warfarin-related hemorrhage after valve replacement (Montal-escot et al) (Letter); (Czer) (Reply). 1988;116:1649-50

Aortic valve insufficiency

- Chronic severe aortic regurgitation: a prospective follow-up of 60 asymptomatic patients (Yousif et al). 1988;116:1262-7
- Relation of left ventricular shape to volume and mass in patients with minimally symptomatic chronic aortic regurgitation (Vandenbossche et al). 1988;116:1022-7
- Unusual hemodynamic presentation of acute aortic regurgitation following percutaneous balloon valvuloplasty (Alexopoulos and Sherman). 1988;116:1622-3 (Brief comm.)

Aortic valve stenosis

- Accurate assessment of aortic stenosis severity by Doppler echocardiography independent of aortic jet velocity (Zoghbi et al). 1988;116:855-63 (Prog. cardiol.)
- Early aortic valve restenosis after successful balloon valvuloplasty (Gambino et al). 1988;116:207-9 (Brief comm.)
- Reduction of systolic coronary blood flow in experimental left ventricular outflow tract obstruction (Sabbah and Stein). 1988;116:806-11
- Ultrafast CT in aortic stenosis (Fields and Isner) (Letter); (MacMillan) (Reply). 1988;116:1647

Aortocoronary bypass

- The decision to perform coronary bypass surgery in women: What are the facts? (Becker et al). 1988;116:891-3 (Editorial)
- Pericardial effusion after cardiac surgery: incidence, relation to the type of surgery, antithrombotic therapy, and early coronary bypass graft patency (Ikäheimo et al). 1988;116:97-102

Apical hypertrophy; see Cardiomyopathy, hypertrophic**Arachidonic acid**

- Modulation of arachidonic acid metabolites and vulnerability to ventricular fibrillation during myocardial ischemia in the cat (Cooper et al). 1988;116:1194-1201

Arrhythmia; see also Anti-arrhythmia agents; Arrhythmia, sinus; Arrhythmia, therapy

- Atrial natriuretic factor release is enhanced by incremental atrial pacing (Ellenbogen et al). 1988;116:489-96
- Atrial natriuretic peptide release during atrial arrhythmias in cardiac transplantation (Mulrow et al). 1988;116:1101-3 (Brief comm.)
- Complicated atherosclerotic lesions: A potential cause of ischemic ventricular arrhythmias in cardiac arrest survivors who do not have inducible ventricular tachycardia? (Stevenson et al). 1988;116:1-6
- Exercise testing in patients with life-threatening ventricular tachyarrhythmias: results and correlation with clinical and arrhythmia factors (Allen et al). 1988;116:997-1002
- First myocardial infarction: age and ejection fraction identify a low-risk group (Ahne et al). 1988;116:925-32
- Inducible ventricular arrhythmias and sudden death during vasodilator therapy of severe heart failure (Stevenson et al). 1988;116:1447-54
- Mild hypertension, diuretics, and cardiac arrhythmias: Consensus amid controversy? (Khair and Kochar). 1988;116:216-21 (Editorial)
- The natural history of benign and potentially malignant ventricular arrhythmias with special reference to nonsustained ventricular tachycardia (Pratt et al). 1988;116:897-903
- Psychological distress as a predictor of ventricular arrhythmias in a post-myocardial infarction population (Follick et al). 1988;116:32-6
- Thresholds, refractory periods, and conduction times of the normal and diseased human atrium (Simpson et al). 1988;116:1080-90 (Prog. cardiol.)

Arrhythmia, sinus

- Reversibility of prolonged chronotropic dysfunction with theophylline following orthotopic cardiac transplantation (Ellenbogen et al). 1988;116:202-6 (Brief comm.)

Arrhythmia, therapy

- Effects of electrophysiologic studies resulting in electrical countershock or burst pacing on left ventricular systolic and diastolic function (Stoddard et al). 1988;116:364-71
- Factors determining programmed stimulation responses and long-term arrhythmic outcome in survivors of ventricular fibrillation with ischemic heart disease (Kehoe et al). 1988;116:355-63

Arteriography; see Angiography**Arteriovenous anastomosis**

- Balloon embolization of a pulmonary arteriovenous fistula after cavopulmonary anastomosis in tricuspid atresia (von Scheidt et al). 1988;116:182-5 (Brief comm.)

Arteriovenous fistula

Balloon embolization of a pulmonary arteriovenous fistula after cavopulmonary anastomosis in tricuspid atresia (von Scheidt et al). 1988;116:182-5 (Brief comm.)

Right coronary artery fistula into right atrium: diagnosis by color Doppler echocardiography (Ke et al). 1988;116:886-9 (Brief comm.)

Arteriovenous shunt, surgical

Massive aneurysmal dilatation of saphenous vein grafts used for systemic-pulmonary artery shunts: a role for magnetic resonance imaging in diagnosis (Goldfarb et al). 1988;116:870-3 (Brief comm.)

Aspirin

The effect of aspirin on the hemodynamic response of nitroglycerin (Levin and Feit). 1988;116:77-84

Pericardial effusion after cardiac surgery: incidence, relation to the type of surgery, antithrombotic therapy, and early coronary bypass graft patency (Ikäheimo et al). 1988;116:97-102

Use of aspirin for prevention of cardiovascular disease—1981-82 to 1985-86: the Minnesota Heart Survey (Folsom et al). 1988;116:827-30

Atenolol

Amiodarone and β -adrenergic blockers: an interaction with metoprolol but not with atenolol (Leor et al). 1988;116:206-7 (Brief comm.)

Behavioral vs β -blocker therapy in patients with primary hypertension: effects of blood pressure, left ventricular function and mass, and the pressor surge of social stress anger (Lee et al). 1988;116:637-44 (Symposium)

A comparative study of doxazosin versus atenolol in mild-to-moderate hypertension (Giorgi et al). 1988;116:1801-5 (Symposium)

Comparison of the effects of chronic oral therapy with atenolol and sotalol on ventricular monophasic action potential duration and effective refractory period (Way et al). 1988;116:740-6

Comparison of the effects of doxazosin and atenolol on blood pressure and blood lipids: a one-year, double-blind study in 228 hypertensive patients (Talseth et al). 1988;116:1790-6 (Symposium)

Doxazosin versus atenolol: a randomized comparison of calculated coronary heart disease risk reduction (Mazzola and Guerrasio). 1988;116:1797-1801 (Symposium)

Impact of β -blockade on complex cognitive functioning (Streufert et al). 1988;116:311-5 (Symposium)

Improved left ventricular function during exercise: a comparison of celiprolol and atenolol (McLenachan et al). 1988;116:1435-6 (Symposium)

Atherosclerosis

Mechanism of the interaction of hypertension and hypercholesterolemia in atherosclerosis: the effects of antihypertensive agents (Dzau). 1988;116:1725-8 (Symposium)

Overview: hypertension and atherosclerosis (Chobanian). 1988;116:319-22 (Symposium)

The role of sympathetic activity in atherosclerosis: effects of β -blockade (Ablad et al). 1988;116:322-7 (Symposium)

Symposium on hypertension: a view beyond the numbers—introduction (Julius). 1988;116:265-6

Thromboatherosclerotic complications in hypertensives: results of the Stockholm Metoprolol (secondary prevention) Trial (Olsson). 1988;116:334-8 (Symposium)

Atherosclerosis, coronary; see Coronary arteriosclerosis

Atrial arrhythmia; see Arrhythmia

Atrial fibrillation

Aortic aneurysm presenting with left atrial obstruction (Marx and Bertel). 1988;116:194-6 (Brief comm.)

Atrial fibrillation and left atrial thrombus: an insufferable odd couple (Lie). 1988;116:1374-7 (Editorial)

Irregularity of an escape rhythm related to the preceding cycle length (Oreto et al). 1988;116:1638-40 (Brief comm.)

Long-term pacing in sinus node disease: effects of stimulation mode on cardiovascular morbidity and mortality (Rosenqvist et al). 1988;116:16-22

Low- and medium-dose diltiazem in chronic atrial fibrillation: comparison with digoxin and correlation with drug plasma levels (Maragno et al). 1988;116:385-92

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Atrial septal defects; see Heart septal defects, atrial
Atrial tachycardia, ectopic; see Tachycardia, ectopic atrial

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Atrioventricular node

Differential sensitivity of sinus node, atrioventricular node, atrium, and ventricle to propranolol (Chang and Zipes). 1988;116:371-8

Mobitz type II delay (Oreto et al). 1988;116:1239

Atrium; see Heart atrium

Attitude of health personnel

Blood cholesterol treatment attitudes of community physicians: a major problem (Superko et al). 1988;116:849-55 (Prog. cardiol.)

Autoantibodies

Antimitochondrial autoantibodies in myocardial hypertrophy: comparison between hypertrophic cardiomyopathy, hypertensive heart disease, and athlete's heart (Autore et al). 1988;116:496-500

Autonomic nervous system

Interaction between renin and the autonomic nervous system in hypertension (Julius). 1988;116:611-6 (Symposium)

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Balloon angioplasty; see Angioplasty, transluminal

Balloon dilatation; see also Balloon dilatation, adverse effects

Atrial septostomy for pulmonary hypertension (Collins et al). 1988;116:873-4 (Brief comm.)

Balloon dilatation in infants and children with dysplastic pulmonary valves: short-term and intermediate-term results (Rao). 1988;116:1168-73

Balloon embolization of a pulmonary arteriovenous fistula after cavopulmonary anastomosis in tricuspid atresia (von Scheidt et al). 1988;116:182-5 (Brief comm.)

Early aortic valve restenosis after successful balloon valvuloplasty (Gambino et al). 1988;116:207-9 (Brief comm.)

How big a balloon and how many balloons for pulmonary valvuloplasty? (Rao). 1988;116:577-80 (Editorial)

Indications for balloon pulmonary valvuloplasty (Rao). 1988;116:1661-2 (Editorial)

Percutaneous mitral balloon dilatation by a new sequential single and double-balloon technique (Chen et al). 1988;116:1161-7

Balloon dilatation, adverse effects

Myocardial protection by perfluorochemical infusion during transient ischemia produced by balloon coronary occlusion (Virmani et al). 1988;116:421-31

Unusual hemodynamic presentation of acute aortic regurgitation following percutaneous balloon valvuloplasty (Alexopoulos and Sherman). 1988;116:1622-3 (Brief comm.)

Balloon valvuloplasty; see Balloon dilatation

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Behavioral vs β -blocker therapy in patients with primary hypertension: effects of blood pressure, left ventricular function and mass, and the pressor surge of social stress anger (Lee et al). 1988;116:637-44 (Symposium)

Psychological factors in hypertension: an overview (Shapiro). 1988;116:632-7 (Symposium)

Stress management in the treatment of hypertension (Weiss). 1988;116:645-9 (Symposium)

Symposium on hemodynamics and stress factors: in evaluation and management: welcome address (Boskis). 1988;116:581-2

Benzazepines, analogs and derivatives

Hemodynamic, renal, and neurohumoral effects of a selective oral DA₁ receptor agonist (fenoldopam) in patients with congestive heart failure (Francis et al). 1988;116:473-9

Beta-adrenergic blockers; see Adrenergic beta receptor blockers

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Biofeedback

Lessons learned and future directions (Eliot). 1988;116:682-6 (Symposium)

Biological availability

Randomized clinical trials of transdermal nitroglycerin systems for the treatment of angina: a meta-analysis (Colditz et al). 1988;116:174-80 (Prog. cardiol.)

Blacks

Coronary artery disease in blacks of lower socioeconomic status: angiographic findings from the Cook County Hospital Heart Disease Registry (Simmons et al). 1988;116:90-7

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- The heterogeneity of essential hypertension: hemodynamic aspects (Messerly). 1988;116:590-3 (Symposium)
 Pathophysiologic and pharmacotherapy considerations in the management of the black hypertensive patient (Cook). 1988;116:288-95 (Symposium)

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- Coronary distending pressure and delayed myocardial ischemia (Papageorgiou et al). 1988;116:59-66
 The effect of regional myocardial ischemia on Doppler echocardiographic indexes of left ventricular performance: influence of heart rate, aortic blood pressure, and the size of the ischemic zone (Mathias et al). 1988;116:953-60
 The epidemiology of resting heart rate in a national sample of men and women: associations with hypertension, coronary heart disease, blood pressure, and other cardiovascular risk factors (Gillum). 1988;116:163-74 (Prog. cardiol.)
 A long-term study of the effects of celiprolol on blood pressure and lipid-associated risk factors (Herrmann and Mayer). 1988;116:1416-21 (Symposium)

Blood pressure determination; see also Blood pressure determination, instrumentation

- Ambulatory blood pressure monitoring and cardiovascular reactivity testing for the evaluation of the role of psychosocial factors and prognosis in hypertensive patients (Pickering and Gerin). 1988;116:665-72 (Symposium)
 Lessons learned and future directions (Eliot). 1988;116:682-6 (Symposium)
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- Ambulatory blood pressure monitoring: practical considerations (Lavie et al). 1988;116:1146-51 (Symposium)
 Effect of ambulatory blood pressure monitoring on the diagnosis and cost of treatment for mild hypertension (Krakoff et al). 1988;116:1152-4 (Symposium)
 Evaluating the diagnosis and prognosis of hypertension by automated blood pressure monitoring: outline of a symposium (Weber). 1988;116:1118-23 (Symposium)
 Experience with 24-hour blood pressure monitoring in hypertension (Parati and Mancia). 1988;116:1134-40 (Symposium)
 The influence of daily activity on ambulatory blood pressure (Pickering). 1988;116:1141-5 (Symposium)
 Relationship between ambulatory and exercise blood pressure and cardiac structure (Devereux and Pickering). 1988;116:1124-33 (Symposium)
 Symposium on clinical application of automated whole-day blood pressure monitoring: introduction (Weber). 1988;116:1117
 Validation of portable noninvasive blood pressure monitoring devices: comparisons with intra-arterial and sphygmomanometer measurements (Graettinger et al). 1988;116:1155-60 (Symposium)

BM 13.505; see 4-[2-(4-Chlorobenzene-sulfonamide)-ethyl]-benzene acetic acid**Bradycardia**

- Bradycardia-dependent Kent bundle block (Schamroth et al). 1988;116:1634-5 (Brief comm.)

Brief communications

- Brief communications. 1988;116:181-215; 546-71; 864-90; 1091-116; 1351-73; 1622-46

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- Electrocardiographic diagnosis of myocardial infarction in the presence of complete left bundle branch block (Hands et al). 1988;116:23-31

C**Calcium channel blockers**

- Effects of antihypertensive therapy on cardiac function (Kaplan). 1988;116:260-4 (Symposium)
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- A simplified method for calculating mitral valve area using Doppler echocardiography (Halbe et al). 1988;116:877-9 (Brief comm.)
- Two-dimensional echocardiography and Doppler color flow abnormalities in aortic root dissection (Chia et al). 1988;116:192-4 (Brief comm.)
- Two-dimensional echocardiography in Lutembacher's syndrome (Yan et al). 1988;116:1361-2 (Brief comm.)
- Unusual cardiac metastasis in hypernephroma: the complementary role of echocardiography and magnetic resonance imaging (Gindea et al). 1988;116:1359-61 (Brief comm.)
- Visualization of anomalous origin of the left main coronary artery from the pulmonary trunk by pulsed and color Doppler echocardiography (Vaksmann et al). 1988;116:181-2 (Brief comm.)
- Ectodermal dysplasia**
- Arrhythmogenic cardiomyopathy with ectodermal dysplasia (Protonotarios et al) (Letter); (Gillette) (Reply). 1988;116:1651-2
- Ectopic atrial tachycardia; see Tachycardia, ectopic atrial**
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- Editorials**
- Editorials. 1988;116:216-26; 572-80; 891-6; 1374-82; 1661-5
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- Elderly; see Aged**
- Electric countershock**
- Cardiac sarcoidosis with sudden death: treatment with the automatic implantable cardioverter defibrillator (Bajaj et al). 1988;116:557-60 (Brief comm.)
- CK-MB and implanted defibrillator (Aldis). 1988;116:1658-9 (Letter)
- Effects of electrophysiologic studies resulting in electrical countershock or burst pacing on left ventricular systolic and diastolic function (Stoddard et al). 1988;116:364-71
- Electric stimulation**
- Factors determining programmed stimulation responses and long-term arrhythmic outcome in survivors of ventricular fibrillation with ischemic heart disease (Kehoe et al). 1988;116:355-63
- Reproducible termination of ventricular tachycardia by a single extrastimulus within the reentry circuit during the ventricular effective refractory period (Garan and Ruskin). 1988;116:546-50 (Brief comm.)
- Electrocardiography**
- Bidirectional precordial ST-T wave changes in pure right ventricular ischemia (Kataoka et al). 1988;116:1631-2 (Brief comm.)
- The clinical and pathophysiologic implications of pain, ST abnormalities, and scintigraphic changes induced during dipyridamole infusion: their relationships to the peripheral hemodynamic response (Zhu et al). 1988;116:1071-80 (Prog. cardiol.)
- Correlation of electrocardiographic and echocardiographic changes in Kawasaki syndrome (Ichida et al). 1988;116:812-9
- Early peak of creatine kinase-MB in acute myocardial infarction with a nondiagnostic electrocardiogram (Sharkey et al). 1988;116:1207-11

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- ECG findings after myocardial infarction in children after Kawasaki disease (Nakanishi et al). 1988;116:1028-33
- Electrocardiographic diagnosis of exercise-induced left ventricular hypertrophy (Douglas et al). 1988;116:784-90
- High-frequency electrocardiography: an evaluation of lead placement and measurements (Atwood et al). 1988;116:773-9
- Irregularity of an escape rhythm related to the preceding cycle length (Oreto et al). 1988;116:1638-40 (Brief comm.)
- P wave alternans (Donato et al). 1988;116:875-7 (Brief comm.)
- Pheochromocytoma: catecholamine-mediated electrocardiographic changes mimicking ischemia (Haas et al). 1988;116:1363-5 (Brief comm.)
- Physiologic basis for anterior ST segment depression in patients with acute inferior wall myocardial infarction (Mirvis). 1988;116:1308-22 (Curriculum cardi.)
- Recurrent syncope of unknown origin diagnosed by ambulatory continuous loop ECG recording (Linzer et al). 1988;116:1632-4 (Brief comm.)
- Unstable angina: ST segment depression with positive versus negative T wave deflections—clinical course, ECG evolution, and angiographic correlation (Sclarovsky et al). 1988;116:933-41
- Ventricular tachycardia due to bundle branch reentry: induction by spontaneous atrial premature beats (Nallasivan et al). 1988;116:552-5 (Brief comm.)

Electrophysiology

- Atrial natriuretic factor release is enhanced by incremental atrial pacing (Ellenbogen et al). 1988;116:489-96
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- Significant variability in the mode of ventricular tachycardia induction and its implications for interpretation of acute drug testing (Beckman et al). 1988;116:718-26

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- Inferior myocardial infarction complicated by mural thrombus and systemic embolization despite anticoagulation in progressive systemic sclerosis with normal coronary arteriograms (Nair et al). 1988;116:1357-9 (Brief comm.)
- Paradoxical coronary embolism: case report and review of the literature (Jungbluth et al). 1988;116:879-85 (Brief comm.)

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- Cough from ACE inhibitors (Karpman). 1988;116:1658 (Letter)
- Hemodynamic response patterns to mental stress: diagnostic and therapeutic implications (Rüddel et al). 1988;116:617-27 (Symposium)

Endocarditis, bacterial

- Right-sided infective endocarditis: a Singapore experience (Chia et al). 1988;116:568-71 (Brief comm.)
- Streptococcus bovis* endocarditis associated with villous adenoma following colonoscopy (Watanakunakorn). 1988;116:1115-6 (Brief comm.)

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- Erythropoietin in cyanotic heart disease (Gidding and Stockman). 1988;116:128-32

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- Clinical utility of exercise, pacing, and pharmacologic stress testing for the noninvasive determination of myocardial contractility and reserve (David et al). 1988;116:235-47 (Symposium)
- The diagnostic and prognostic value of the treadmill exercise test in the evaluation of chest pain, in patients with recent myocardial infarction, and in asymptomatic individuals (Goldschlager and Sox). 1988;116:523-35 (Curriculum cardi.)
- Exaggerated secretion of atrial natriuretic polypeptide during dynamic exercise in patients with essential hypertension (Saito et al). 1988;116:1052-7

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- Exercise testing in patients with life-threatening ventricular tachyarrhythmias: results and correlation with clinical and arrhythmia factors (Allen et al). 1988;116:997-1002
- Functional significance of predischARGE exercise thallium-201 findings following intravenous streptokinase therapy during acute myocardial infarction (Touchstone et al). 1988;116:1500-7
- Hemodynamic response to treadmill exercise in normal volunteers: an assessment by Doppler ultrasonic measurement of ascending aortic blood velocity and acceleration (Mehta et al). 1988;116:1298-1307
- Value of New York Heart Association classification, radionuclide ventriculography, and cardiopulmonary exercise tests for selection of patients for congestive heart failure studies (Dunselman et al). 1988;116:1475-82

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- Post-exercise coronary artery spasm (Sadaniantz et al). 1988;116:866-7 (Brief comm.)

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- Reduction in plasminogen activator inhibitor-1 (PAI-1) with omega-3 polyunsaturated fatty acid (PUFA) intake (Mehta et al). 1988;116:1201-6

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- Hemodynamic, renal, and neurohumoral effects of a selective oral DA₁ receptor agonist (fenoldopam) in patients with congestive heart failure (Francis et al). 1988;116:473-9

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- Hazards of angioscopic examination: documentation of damage to the arterial intima (Lee et al). 1988;116:1530-6
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- Utility of cross-linked fibrin degradation products in the diagnosis of pulmonary embolism (Goldhaber et al). 1988;116:505-8

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- Effects of residual stenosis on infarct size and regional transmural myocardial blood flow after reperfusion (Wilson et al). 1988;116:1523-9

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- Effect of reperfusion on electrocardiographic and enzymatic infarct size: results of a randomized multicenter study of intravenous anisoylated plasminogen streptokinase activator complex (APSAC) versus intracoronary streptokinase in acute myocardial infarction (Hackworthy et al). 1988;116:903-14

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- Dietary fish oil prevents ventricular fibrillation following coronary artery occlusion and reperfusion (McLennan et al). 1988;116:709-17

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G**Gamma camera imaging; see Radionuclide imaging****Gemfibrozil**

Review of major intervention studies in hypertension and hyperlipidemia: focus on coronary heart disease (Middeke and Holzgreve). 1988;116:1708-12 (Symposium)

Treatment of type III hyperlipoproteinemia with gemfibrozil to retard progression of coronary artery disease (Kuo et al). 1988;116:85-90

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Comparable effects of intravenous nitroglycerin and intravenous nitroprusside in acute ischemia (Breisblatt et al). 1988;116:465-72

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Gonadal dysgenesis, 46,XY

Sudden death in hypertrophic cardiomyopathy associated with 46,XY pure gonadal dysgenesis (Alfonso et al). 1988;116:1099-101 (Brief comm.)

H**Health Insurance for Aged and Disabled, Title 18**

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Effects of antihypertensive therapy on cardiac function (Kaplan). 1988;116:260-4 (Symposium)

Heart, transplantation

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Reversibility of prolonged chronotropic dysfunction with theophylline following orthotopic cardiac transplantation (Ellenbogen et al). 1988;116:202-6 (Brief comm.)

Heart aneurysm

Congenital aneurysm of the interventricular muscular septum with rupture into the right ventricle in a child (Magherini et al). 1988;116:185-7 (Brief comm.)

Doppler color-flow echocardiographic recognition of left ventricular pseudoaneurysm (Schwarz et al). 1988;116:1353-5 (Brief comm.)

Doppler and two-dimensional echocardiographic features of sinus of Valsalva aneurysms (Chiang et al). 1988;116:1283-8

Purulent pericarditis and ventricular pseudoaneurysm in an intravenous drug abuser (Wiggers et al). 1988;116:1635-7 (Brief comm.)

Heart arrest

Complicated atherosclerotic lesions: A potential cause of ischemic ventricular arrhythmias in cardiac arrest survivors who do not have inducible ventricular tachycardia? (Stevenson et al). 1988;116:1-6

Heart atrium; see also Atrial fibrillation

Atrial fibrillation and left atrial thrombus: an insufferable odd couple (Lie). 1988;116:1374-7 (Editorial)

Atrial infarction: diagnosis and management (Lazar et al). 1988;116:1058-62 (Curriculum cardioid.)

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Left atrial enlargement: an early sign of hypertensive heart disease (Miller et al). 1988;116:1048-51

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Bradycardia-dependent Kent bundle block (Schamroth et al). 1988;116:1634-5 (Brief comm.)

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Heart catheterization

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Doppler examination of aortic coarctation (Glaser and Balkin) (Letter); (DiSessa and George) (Reply). 1988;116:1659-60

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Heart defects, congenital

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- Sequential neurohumoral measurements in patients with congestive heart failure (Francis et al). 1988;116:1464-8
- Symposium on hypertension: a view beyond the numbers—introduction (Julius). 1988;116:265-6
- Value of New York Heart Association classification, radionuclide ventriculography, and cardiopulmonary exercise tests for selection of patients for congestive heart failure studies (Dunselman et al). 1988;116:1475-82

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- Angiotensin converting enzyme inhibitors. II. Clinical use (Kostis). 1988;116:1591-1605 (Curriculum cardiol.)
- Hemodynamic, renal, and neurohumoral effects of a selective oral DA₁ receptor agonist (fenoldopam) in patients with congestive heart failure (Francis et al). 1988;116:473-9
- How effective is digitalis in the treatment of congestive heart failure? (Kimmelstiel and Benotti). 1988;116:1063-70 (Curriculum cardiol.)
- Modulation of hemodynamic effects with a converting enzyme inhibitor: acute hemodynamic dose-response relationship of a new angiotensin converting enzyme inhibitor, lisinopril, with observations on long-term clinical, functional, and biochemical response (Uretsky et al). 1988;116:480-8

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- Metastatic cholangiocarcinoma to the right atrial appendage detected by magnetic resonance imaging (Yasutake et al). 1988;116:566-8 (Brief comm.)
- Prenatal diagnosis of a heart tumor (Brezinka et al). 1988;116:563-6 (Brief comm.)

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- The effect of regional myocardial ischemia on Doppler echocardiographic indexes of left ventricular performance: influence of heart rate, aortic blood pressure, and the size of the ischemic zone (Mathias et al). 1988;116:953-60
- The epidemiology of resting heart rate in a national sample of men and women: associations with hypertension, coronary heart disease, blood pressure, and other cardiovascular risk factors (Gillum). 1988;116:163-74 (Prog. cardiol.)
- Heart rate correlates with severity of coronary atherosclerosis in young postinfarction patients (Perski et al). 1988;116:1369-73 (Brief comm.)
- A long-term study of the effects of celiprolol on blood pressure and lipid-associated risk factors (Herrmann and Mayer). 1988;116:1416-21 (Symposium)

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- Left ventricular pseudopseudoaneurysm: angiographic features and surgical treatment of impending cardiac rupture (Savage et al). 1988;116:864-6 (Brief comm.)

Heart rupture, post-infarction

- Rupture of the ventricular septum and right ventricle complicating acute myocardial infarction (Schieman et al). 1988;116:560-2 (Brief comm.)

Heart septal defects, atrial

- Atrial septal defects in neonates with reference to spontaneous closure (Fukazawa et al). 1988;116:123-7
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- Two-dimensional echocardiography in Lutembacher's syndrome (Yan et al). 1988;116:1361-2 (Brief comm.)

Heart septal defects, ventricular

- Noninvasive evaluation of the ratio of pulmonary to systemic flow in ventricular septal defect by means of Doppler two-dimensional echocardiography (Kurokawa et al). 1988;116:1033-44

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- Atrial septostomy for pulmonary hypertension (Collins et al). 1988;116:873-4 (Brief comm.)
- Congenital aneurysm of the interventricular muscular septum with rupture into the right ventricle in a child (Magherini et al). 1988;116:185-7 (Brief comm.)
- Intracardiac right-to-left shunting following cardiac surgery (Klepper et al). 1988;116:189-92 (Brief comm.)
- Rupture of the interventricular septum complicating acute myocardial infarction: a multicenter analysis of clinical findings and outcome (Held et al). 1988;116:1330-6 (Prog. cardiol.)
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- The use of carbon dioxide fiberoptic laser catheter for atrial septostomy (Zeevi et al). 1988;116:117-22

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- Pericardial effusion after cardiac surgery: incidence, relation to the type of surgery, antithrombotic therapy, and early coronary bypass graft patency (Ikäheimo et al). 1988;116:97-102

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- Intracardiac thyroid (Carson) (Letter); (Greco-Lucchina) (Reply). 1988;116:1650-1
- Left ventricular hypertrophy: its prime importance as a controllable risk factor (Weber). 1988;116:272-9 (Symposium)
- Left ventricular hypertrophy among dark and light-skinned Puerto Rican men: the Puerto Rico Heart Health Program (Sorlie et al). 1988;116:777-83
- Left ventricular thrombus with normal left ventricular function in ulcerative colitis (Chin et al). 1988;116:562-3 (Brief comm.)
- Left ventricular topographic alterations in the completely healed rat infarct caused by early and late coronary artery reperfusion (Hale and Kloner). 1988;116:1508-13
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- Clinical utility of exercise, pacing, and pharmacologic stress testing for the noninvasive determination of myocardial contractility and reserve (David et al). 1988;116:235-47 (Symposium)
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- Quantitative regional curvature analysis: a prospective evaluation of ventricular shape and wall motion measurements (Mancini et al). 1988;116:1616-21 (Prog. cardiol.)

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- Bidirectional precordial ST-T wave changes in pure right ventricular ischemia (Kataoka et al). 1988;116:1631-2 (Brief comm.)
- Cardiac function in experimental hypertension (Taquini). 1988;116:607-10 (Symposium)

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Symposium on hemodynamics and stress factors in evaluation and management: welcome address (Boskis). 1988;116:581-2

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Technetium-99m-tertiary butyl-isonitrile

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U**Ulceration, coronary; see Coronary vessels, pathology****Ulcerative colitis; see Colitis, ulcerative****Ultrasonic diagnosis**

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V**Valvuloplasty, balloon; see Balloon dilatation****Vascular patency; see also Ischemia**

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